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(54) VEHICLE AUTOMATIC DEFROST SYSTEM AND METHOD

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(57) **ABSTRACT**

A system includes an external temperature sensor, an internal temperature sensor and an internal moisture sensor, along with an HVAC for blowing air into the vehicle. The system also includes an electronic control unit (ECU) coupled to the sensors and the HVAC. The ECU determines a difference between the inside air temperature and the ambient air temperature and sets a condensation indicator when the ambient air temperature is less than a first temperature threshold, the difference between the inside air temperature and the ambient air temperature is greater than a second temperature threshold, and the inside moisture level is greater than a moisture threshold. The ECU determines a condensation temperature at which additional condensation will accumulate on the window, determines the desired temperature for the air blown by the HVAC and controls the HVAC to blow air at the desired temperature when the condensation indicator is set.